



1642

RAW SEQUENCE LISTING

DATE: 04/16/2002

PATENT APPLICATION: US/09/632,036B

TIME: 13:40:46

Input Set : A:\PTOVK.txt

Output Set: N:\CRF3\04162002\I632036B.raw

P.4

3 <110> APPLICANT: Kaumaya, Pravin T.
 4 Stevens, Vernon C.
 5 Triozzi, Pierre L.
 7 <120> TITLE OF INVENTION: Polypeptides and Polynucleotides for Enhancing Immune
 Reactivity to HER-2
 8 Proteins
 10 <130> FILE REFERENCE: 18525/04011
 12 <140> CURRENT APPLICATION NUMBER: 09/632,036B
 13 <141> CURRENT FILING DATE: 2000-08-03
 15 <150> PRIOR APPLICATION NUMBER: 60/146,869
 16 <151> PRIOR FILING DATE: 1999-08-03
 18 <160> NUMBER OF SEQ ID NOS: 41
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 19
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Homo sapiens
 27 <400> SEQUENCE: 1
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 33 Leu Asp Met
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 38 <211> LENGTH: 22
 39 <212> TYPE: PRT
 40 <213> ORGANISM: Homo sapiens
 42 <400> SEQUENCE: 2
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 45 1 5 10 15
 48 Gly Ala Ser Pro Gly Gly
 49 20
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 53 <211> LENGTH: 22
 54 <212> TYPE: PRT
 55 <213> ORGANISM: Homo sapiens
 57 <400> SEQUENCE: 3
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 60 1 5 10 15
 63 Ile Asp Thr Asn Arg Ser
 64 20
 67 <210> SEQ ID NO: 4
 68 <211> LENGTH: 35
 69 <212> TYPE: PRT
 70 <213> ORGANISM: Homo sapiens
 72 <400> SEQUENCE: 4

Does Not Comply
Corrected Diskette Needed

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74 Thr Leu Ile Asp Thr Asn Arg Ser Arg Ala Cys His Pro Cys Ser Pro
75 1          5          10          15
78 Met Cys Lys Gly Ser Arg Cys Trp Gly Glu Ser Ser Glu Asp Cys Gln
79          20          25          30
82 Ser Leu Thr
83          35
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87 <211> LENGTH: 21
88 <212> TYPE: PRT
89 <213> ORGANISM: Homo sapiens
91 <400> SEQUENCE: 5
93 Ala Leu Val Thr Tyr Asn Thr Asp Thr Phe Glu Ser Met Pro Asn Pro
94 1          5          10          15
97 Glu Gly Arg Tyr Thr
98          20
101 <210> SEQ ID NO: 6
102 <211> LENGTH: 24
103 <212> TYPE: PRT
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 6
108 Pro Leu His Asn Gln Glu Val Thr Ala Glu Asp Gly Thr Gln Arg Ala
109 1          5          10          15
112 Glu Lys Cys Ser Lys Pro Cys Ala
113          20
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 18
118 <212> TYPE: PRT
119 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 7
123 Pro Glu Ser Phe Asp Gly Asp Pro Ala Ser Asn Thr Ala Pro Leu Gln
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127 Pro Glu
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132 <211> LENGTH: 20
133 <212> TYPE: PRT
134 <213> ORGANISM: Homo sapiens
136 <400> SEQUENCE: 8
138 Leu Tyr Ile Ser Ala Trp Pro Asp Ser Leu Pro Asp Leu Ser Val Phe
139 1          5          10          15
142 Gln Asn Leu Gln
143          20
146 <210> SEQ ID NO: 9
147 <211> LENGTH: 19
148 <212> TYPE: PRT
149 <213> ORGANISM: Homo sapiens
151 <400> SEQUENCE: 9
153 Leu Phe Arg Asn Pro His Gln Ala Leu Leu His Thr Ala Asn Arg Pro
154 1          5          10          15
157 Glu Asp Glu

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161 <210> SEQ ID NO: 10
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163 <212> TYPE: PRT
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172 Cys Phe Gly Pro Glu Ala Asp Gln Cys Val Ala Cys Ala His Tyr Lys
173 20 25 30
176 Asp Pro
180 <210> SEQ ID NO: 11
181 <211> LENGTH: 18
182 <212> TYPE: PRT
183 <213> ORGANISM: Homo sapiens
185 <400> SEQUENCE: 11
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188 1 5 10 15
191 Gly Ala
195 <210> SEQ ID NO: 12
196 <211> LENGTH: 22
197 <212> TYPE: PRT
198 <213> ORGANISM: Homo sapiens
200 <400> SEQUENCE: 12
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203 1 5 10 15
206 Ala Glu Gln Arg Ala Ser
207 20
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211 <211> LENGTH: 19
212 <212> TYPE: PRT
213 <213> ORGANISM: Clostridium tetani
215 <400> SEQUENCE: 13
217 Asn Ser Val Asp Asp Ala Leu Ile Asn Ser Thr Ile Tyr Ser Tyr Phe
218 1 5 10 15
221 Pro Ser Val
225 <210> SEQ ID NO: 14
226 <211> LENGTH: 17
227 <212> TYPE: PRT
228 <213> ORGANISM: Clostridium tetani
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233 1 5 10 15
236 Glu
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241 <211> LENGTH: 15
242 <212> TYPE: PRT
243 <213> ORGANISM: Clostridium tetani
245 <400> SEQUENCE: 15
247 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu Leu

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259 1          5          10          15
262 Ala Ser His Leu Glu
263          20
266 <210> SEQ ID NO: 17
267 <211> LENGTH: 15
268 <212> TYPE: PRT
269 <213> ORGANISM: Measles virus
271 <400> SEQUENCE: 17
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274 1          5          10          15
277 <210> SEQ ID NO: 18
278 <211> LENGTH: 15
279 <212> TYPE: PRT
280 <213> ORGANISM: Hepatitis B virus
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285 1          5          10          15
288 <210> SEQ ID NO: 19
289 <211> LENGTH: 20
290 <212> TYPE: PRT
291 <213> ORGANISM: Plasmodium falciparum
293 <400> SEQUENCE: 19
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299 Lys Lys Pro Glu
300          20
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305 <212> TYPE: PRT
306 <213> ORGANISM: None
308 <400> SEQUENCE: 20
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316 <212> TYPE: PRT
317 <213> ORGANISM: Homo sapiens
319 <400> SEQUENCE: 21
321 Ile Leu Trp Lys Asp Ile Phe His Lys
322 1          5
325 <210> SEQ ID NO: 22
326 <211> LENGTH: 9

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see item 10 on Euro Summary Sheet

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327 <212> TYPE: PRT
328 <213> ORGANISM: Homo sapiens
330 <400> SEQUENCE: 22
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336 <210> SEQ ID NO: 23
337 <211> LENGTH: 9
338 <212> TYPE: PRT
339 <213> ORGANISM: Homo sapiens
341 <400> SEQUENCE: 23
343 Val Leu Arg Glu Asn Thr Ser Pro Lys
344 1 5
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348 <211> LENGTH: 9
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350 <213> ORGANISM: Homo sapiens
352 <400> SEQUENCE: 24
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355 1 5
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361 <213> ORGANISM: Homo sapiens
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370 <211> LENGTH: 10
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380 <210> SEQ ID NO: 27
381 <211> LENGTH: 9
382 <212> TYPE: PRT
383 <213> ORGANISM: Homo sapiens
385 <400> SEQUENCE: 27
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391 <210> SEQ ID NO: 28
392 <211> LENGTH: 9
393 <212> TYPE: PRT
394 <213> ORGANISM: Homo sapiens
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398 Arg Arg Phe Thr His Gln Ser Asp Val
399 1 5
402 <210> SEQ ID NO: 29
403 <211> LENGTH: 9

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